

APP ID: 10064542

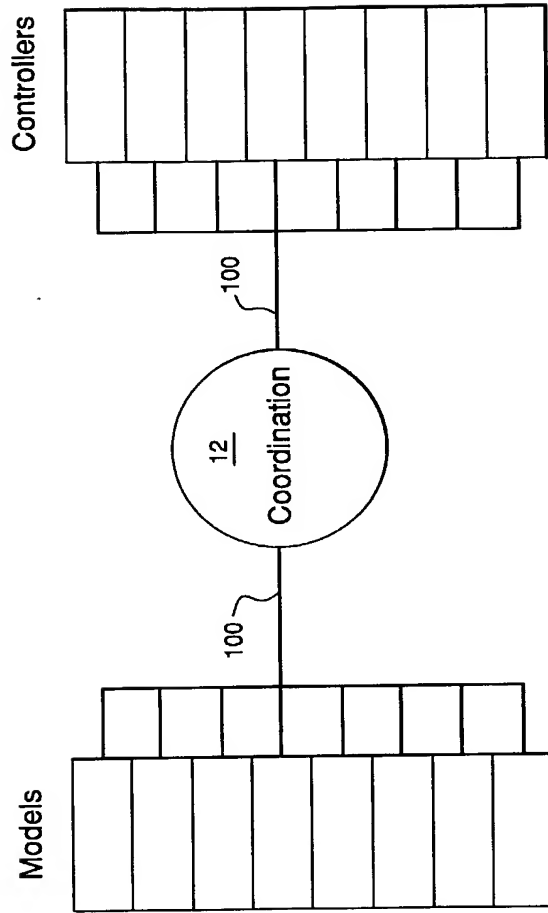


FIG. 1A

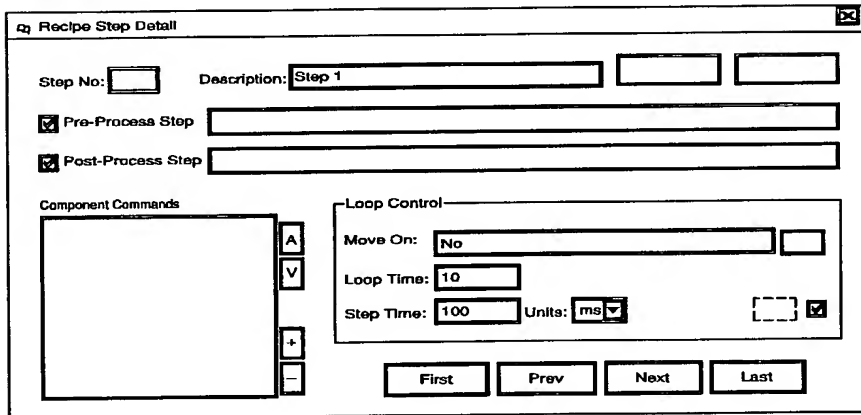
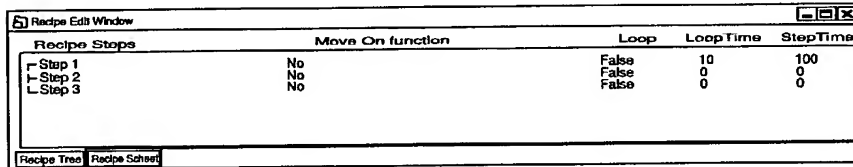
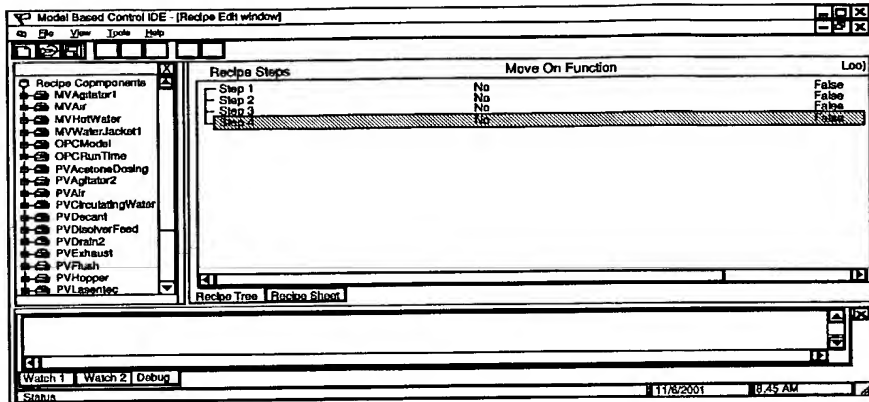


FIG. 2

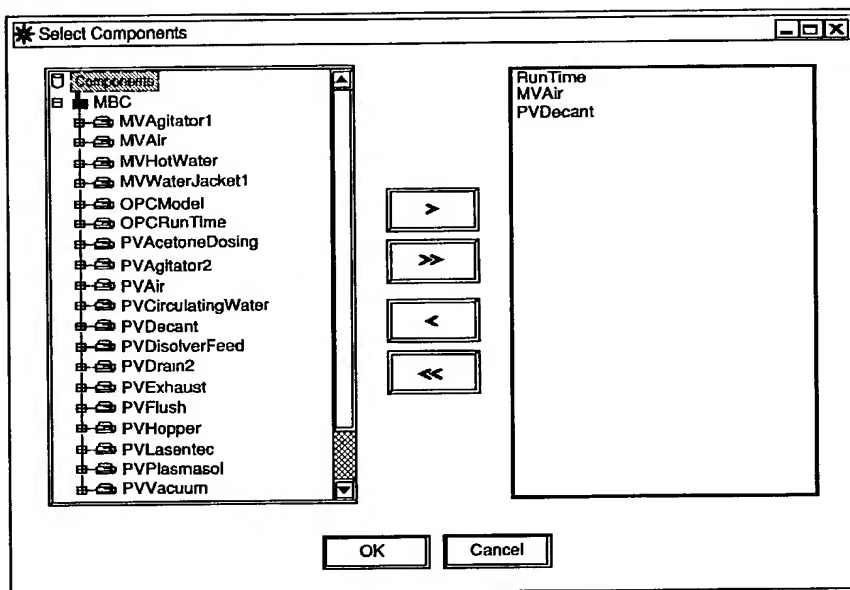
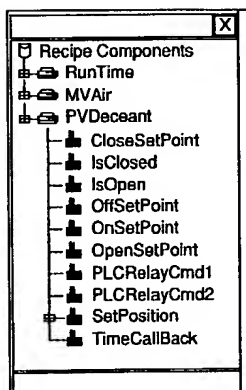


FIG. 3

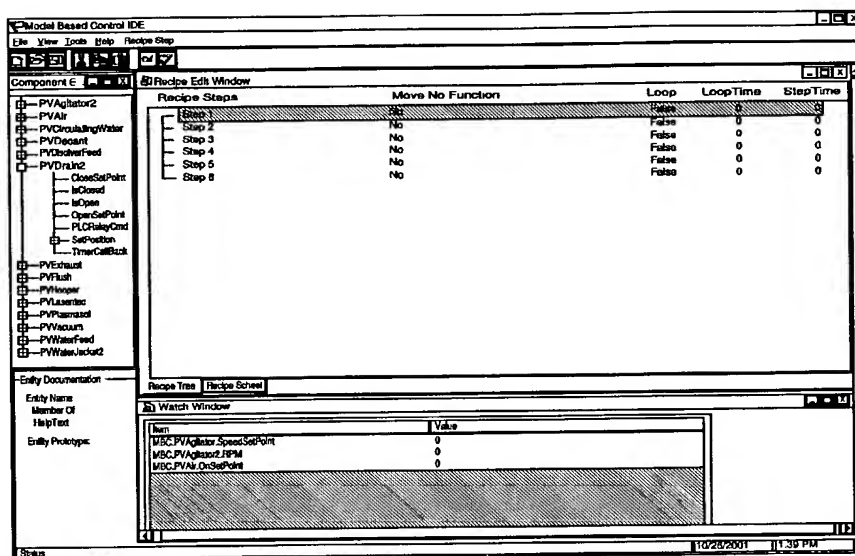


FIG. 4

Page 33 of 53

Recipe View

File Edit Recipe Window Help

Recipe Name

C:\Projects\MBCData\recipe First shot - Dave.xls

Recipe State

Waiting for Start

Date/Time

Wednesday, October 24, 2001 - 10:13:14 A

Recipe Step

1

Total Steps

8

Step Time

0

Total Time

0

Recipe Done

False

Keep Alive

True

Move On Function

MVWaterJacket1 Temp >= 58 And PVAgit

Loop

False

Loop Time

1000

Stop Time

60000

Recipe Step Commands

PVAgitator2.SetPosition ("On")
PVAgitator2.SetSpeed (80)
PVWaterJacket2.SetPosition ("On")
PVWaterJacket2.SetTemp (30.1)
PVHopper.SetPosition ("Open")
MVAgitator1.SetPosition ("On")
MVWaterJacket1.SetPosition ("On")
MVWaterJacket1.SetTemp (58.1)

Recipe Step Code

```

Step 1 .....
binGoOn = False
binRunLoop = True
Do
  If binRunLoop Then
    Call PVAgitator2.SetPosition ("On")
    Call PVAgitator2.SetSpeed (80)
    Call PVWaterJacket2.SetPosition ("On")
    Call PVWaterJacket2.SetTemp (30.1)
    Call PVHopper.SetPosition ("Open")
    Call MVAgitator1.SetPosition ("On")
    Call MVWaterJacket1.SetPosition ("On")
    Call MVWaterJacket1.SetTemp (58.1)
  End If

  If MVWaterJacket1.Temp >= 58 And PVAgitator2.RPM >= 80 Then binGoOn = TRUE
  If not binGoOn Then
    Call Sleep (1000)
    RunTime.RecipeStepTime = RunTime.RecipeStepTime + 1000
    RunTime.RecipeTotalTime = RunTime.RecipeTotalTime + 1000
  End If
  If RunTime.RecipeStepTime >= 60000 Then binGoOn = True
binRunLoop = False
Loop While Not binGoOn

```

Mode

HMI

Run Recipe

Run Recipe Step

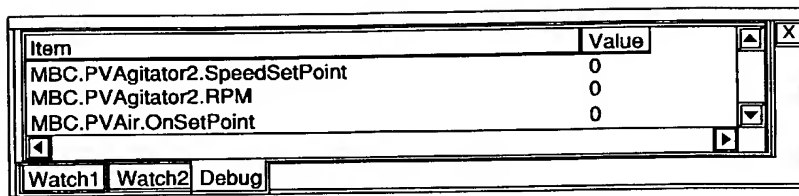
Stop Recipe

Continue Recipe

Cancel/Reset Recipe

Start Data Collector

FIG. 6



Item	Value
MBC.PVAgitator2.SpeedSetPoint	0
MBC.PVAgitator2.RPM	0
MBC.PVAir.OnSetPoint	0

Watch1 Watch2 Debug

FIG. 7

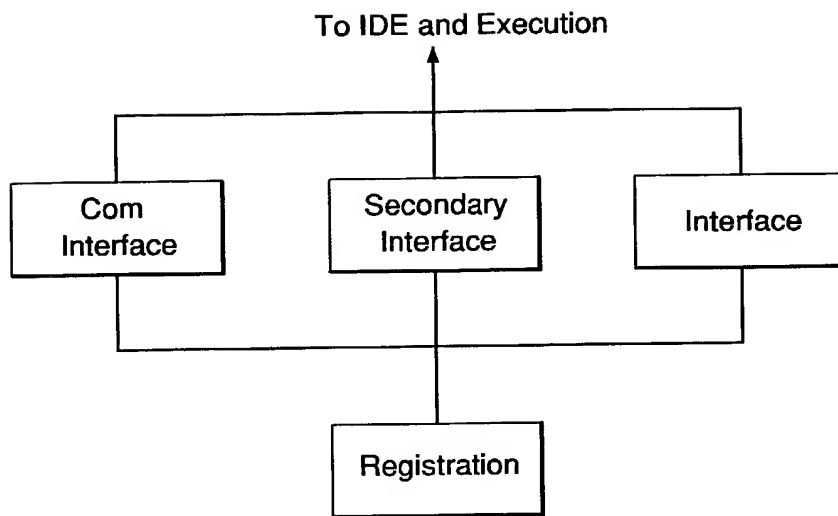


FIG. 9

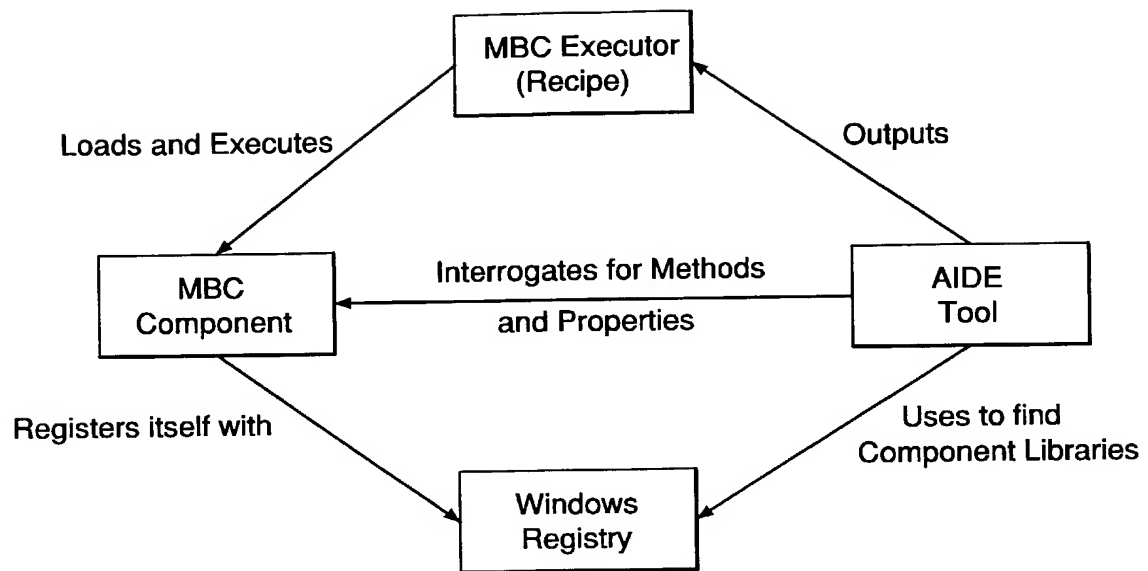


FIG. 11

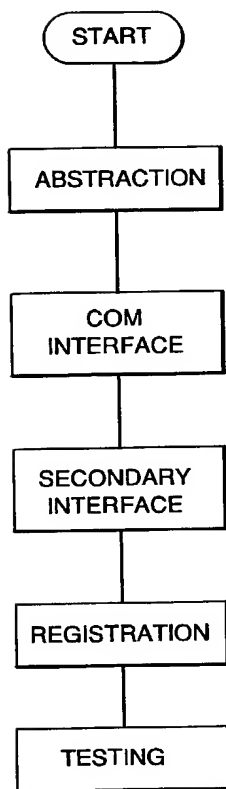


FIG. 12

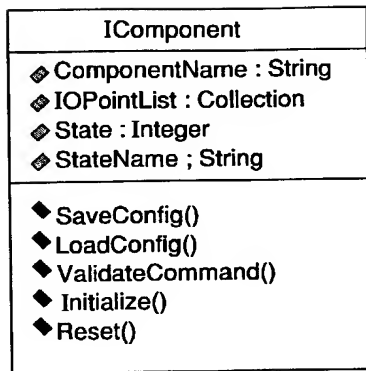


FIG. 13

clsIOPoint
<ul style="list-style-type: none"> ◆ Component : String ◆ Name : String ◆ IOType : String ◆ Tag : String ◆ Handle : Long ◆ Value : Variant ◆ Quality : Long ◆ TimeStamp : Long ◆ ValueRange : String ◆ InitialValve : Variant ◆ CanInitiate : Boolean ◆ ScaleFactor : Double ◆ Threshold : Long
<ul style="list-style-type: none"> ◆ Equals() : Long ◆ IsEqual() : Boolean

FIG. 14

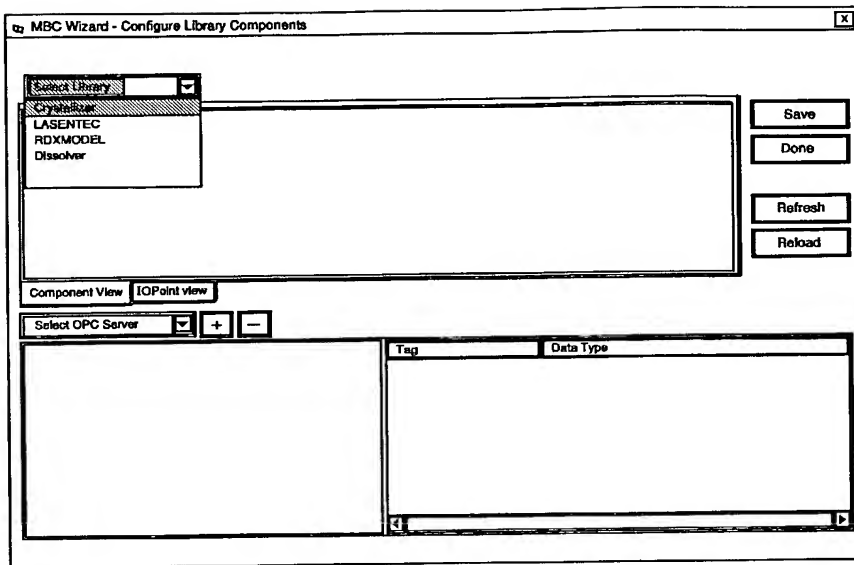


FIG. 15

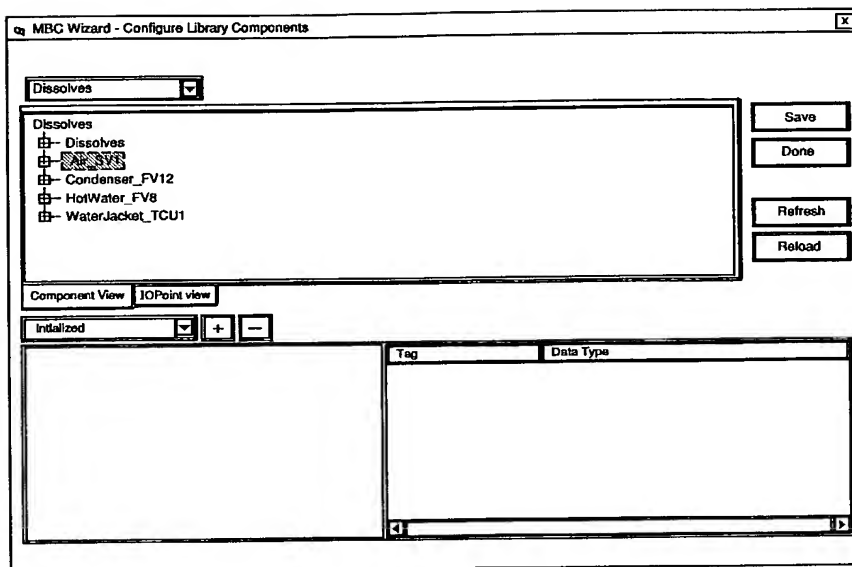


FIG. 16

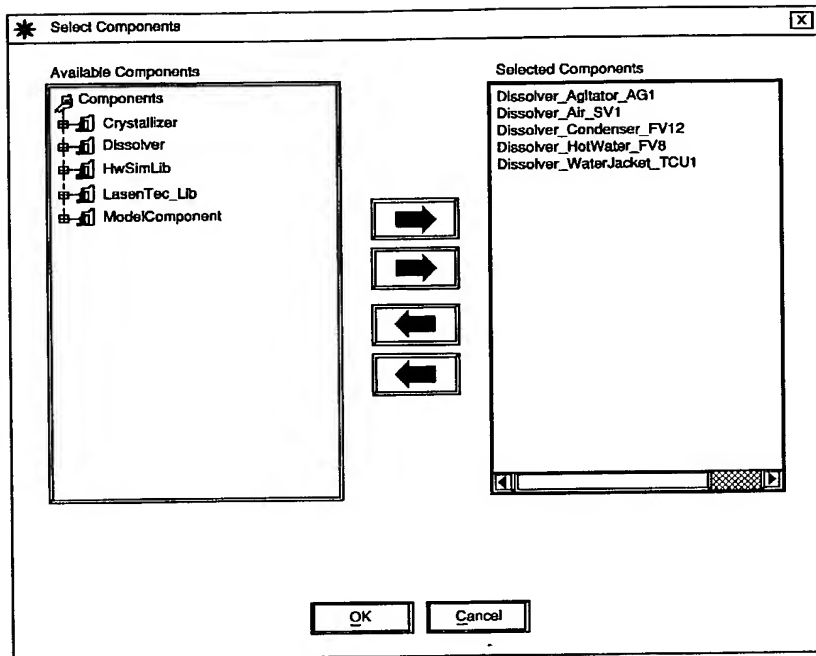


FIG. 17

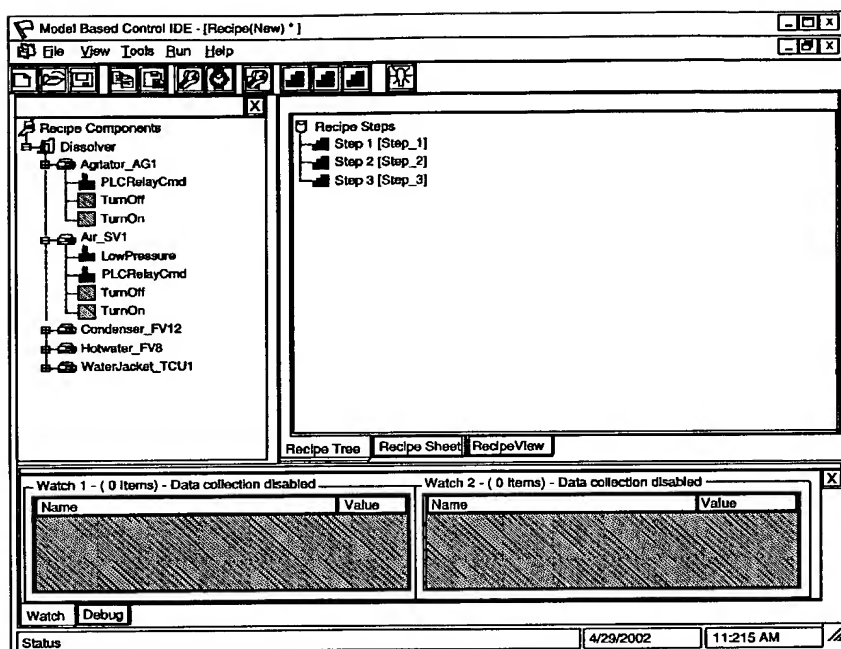


FIG. 18

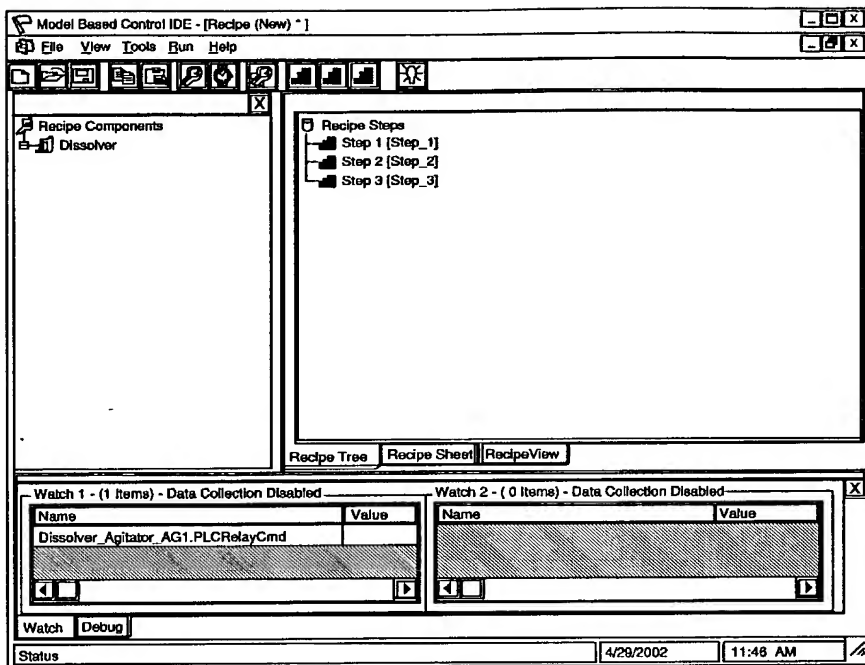


FIG. 19

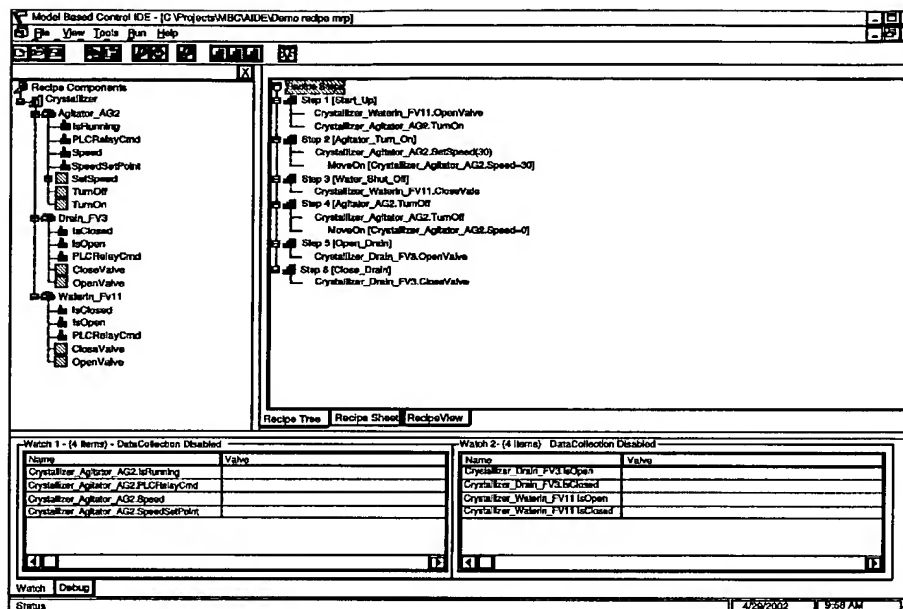


FIG. 21

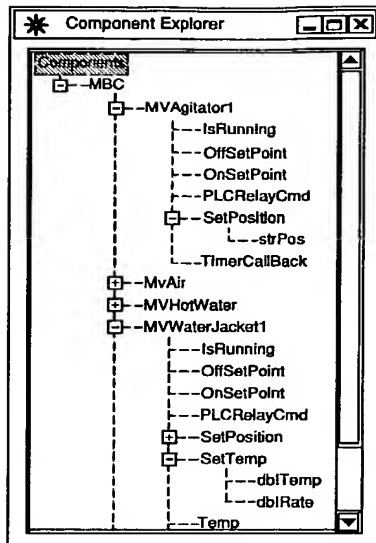


FIG. 23

... ..

Recipe Editor					
Recipe Steps		Move On Function	Loop	LoopTime	StepTime
[-] Step 1		No	False	0	0
[+] Step 2		No	False	0	0
[+] Step 3		PVAgitator.RPM = 80	False	0	0
[-] [-] PVAgitator2.SetSpeed ("On")			False	0	0
[-] [-] PVAir.SetPosition ("On")					
[-] Step 4		No	False	0	0
[-] Step 5		No	False	0	0

FIG. 24

Recipe Step Detail

Step No: Description:

☐ Pre-Process Step

☐ Post-Process Step

Component Commands

Component	Commands	
MBC.PVAgnator	SetPosition("ON")	A
MBC.PVAgnator	SetSpeed(50)	V
MBC.PVAir	SetPosition("Open")	

Loop Control

Move On:

Loop Time:

Step Time: Units:

Loop: ☐

FIG. 25